

IN THE CLAIMS:

Please amend claim 7-9 as follows:

7. (Currently amended) A device for melting or refining [of glasses or glass ceramics] a glass melt, comprising:

a channel[, essentially arranged horizontally, and] having an inlet and an outlet for the glass melt, said channel being [constructed according to a type of skull pot] arranged so that the glass melt has a flow direction that is essentially horizontal and having a plurality of metal pipes that can be connected to a cooling medium; and

an HF coil being assigned to said channel for input of HF energy into the glass melt.

8. (Currently amended) The device according to claim 7, wherein said HF coil has a plurality of windings, and said plurality of metal pipes and [the] said plurality of windings of said HF coil run, at least in [the] an energy-input region of said HF coil, at an angle to one another.

9. (Currently amended) The device according to claim 7, wherein said plurality of metal pipes run, at least over a portion of a length of said channel, essentially in [the direction of flow of the glass melt] said flow direction.

10. (Previously added) The device according to claim 9, wherein said plurality of metal pipes are shunted relative to one another.

11. (Previously added) The device according to claim 7, wherein said plurality of metal pipes are configured in a U shape and are arranged next to one another, so that said plurality of metal pipes form a cage-type skull channel which is open at the top.

12. (Previously added) The device according to claim 11, wherein the U shape has ends that are joined together in a conductive manner for purposes of forming a shunt.

Please add new claims 13-23 as follows:

13. (New) A device for refining a melt, comprising:

a channel having a first side, a second side, and an open top, said channel for channeling the melt in a horizontal flow direction; and

a first coil for input of energy into the melt, said first coil having a plurality of windings being positioned about said channel so that each winding in said plurality of windings runs in said horizontal flow direction along said first and second sides but not across said open top.

14. (New) The device as in claim 13, wherein each winding in said plurality of windings is curved in a plane defined through said horizontal flow direction.

15. (New) The device as in claim 13, further comprising a second heating device disposed at said open top.

16. (New) The device as in claim 15, wherein said second heating device is a burner heating unit.

17. (New) The device as in claim 15, wherein said second heating device is an electrical heating unit.

18. (New) The device as in claim 15, further comprising a heat distribution plate disposed between said second heating device and the melt.

19. (New) The device as in claim 15, further comprising a second coil positioned remote from said first coil to form a space therebetween.

20. (New) The device as in claim 19, wherein said second heating device is positioned in said space.

21. (New) The device as in claim 13, further comprising a second coil positioned apart from said first coil.

22. (New) The device as in claim 13, further comprising a plurality of cooling conduits positioned between said channel and said first coil.

23. (New) The device according to claim 7, wherein said HF coil is assigned to said channel so that an open top of said channel remains open.